

Title (en)
Wheel for a vacuum cleaner nozzle or for a vacuum cleaner

Title (de)
Rad für Staubsaugermundstück oder für Staubsauger

Title (fr)
Roue pour buse d'aspirateur ou pour apirateur

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Application
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Abstract (en)
This invention relates to a wheel for a vacuum cleaner nozzle or for a vacuum cleaner the wheel comprising a central part (10a,10b) of comparatively hard material. The central part is provided with a tread (14) of soft material having a low friction coefficient for instance a felt material.
<IMAGE>

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Citation (applicant)
DE 3520119 A1 19851219 - SHOP VAC CORP [US]

Citation (search report)

- [A] DE 4105996 C1 19920723
- [A] DE 9114990 U1 19920206
- [A] DE 3319413 A1 19840223 - WESTFAELISCHE METALL INDUSTRIE [DE]
- [DA] DE 3520119 A1 19851219 - SHOP VAC CORP [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 9, no. 25 (M - 355) 2 February 1985 (1985-02-02)
- [X] PATENT ABSTRACTS OF JAPAN vol. 16, no. 198 (C - 0939) 13 May 1992 (1992-05-13)

Cited by
DE102018217407B3; EP2436292A4; GB2454924B; GB2454924A; US8646849B2; US8418311B2; WO2008082338A1; WO2005122857A1

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